EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	(("6001056") or ("6290639")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 14:20
S2	2366	tsubouchi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:21
S3	20	tsubouchi.in. and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:22
S4	76	tsubouchi.in. and takeshi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:22
S5	10	tsubouchi.in. and (takeshi near tsubouchi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:23
S6	3	("4104005" | "4508535" | "5810708").PN.	USPAT	OR	ON	2004/06/10 14:39
S7	18	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4759758" | "4759759" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	USPAT	OR	ON	2004/06/10 14:39
S8	6	"5810708".URPN.	USPAT	OR	ON	2004/06/10 14:40
S9	0	"6290639".URPN.	USPAT	OR	ON	2004/06/10 14:41
S10	20	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4650486" | "4759758" | "4759759" | "4781716" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	USPAT	OR	ON	2004/06/10 14:42
S11	3	"6001056".URPN.	USPAT	OR	ON	2004/06/10 14:42

EAST Search History

S12	18	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4759758" | "4759759" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	USPAT	OR	ON	2004/06/10 14:43
S13	6	"5810708".URPN.	USPAT	OR	ON	2004/06/10 14:43
S14	6	"5810708".URPN.	USPAT	OR	ON	2004/06/10 14:43
S15	56	("2982511" | "3279464" | "3409913" | "3553736" | "3568214" | "3604016" | "3668708" | "3827426" | "3885251" | "4058855" | "4144595" | "4195623" | "4230096" | "4245622" | "4254622" | "4314550" | "4453537" | "4536893" | "4573997" | "4583523" | "4621617" | "4630597" | "4643733" | "4662598" | "4685446" | "4685447" | "4731076" | "4771765" | "4809676" | "4820303" | "4840940" | "4861330" | "4902273" | "4938766" | "4969864" | "4994078" | "4995857" | "5005591" | "5092879" | "5139517" | "5169378" | "5176619" | "5192314" | "5222980" | "5267940" | "5273518" | "5344385" | "5429584" | "5653676" | "5655548" | "5701919" | "5810708" | "5824071" | "5888186" | "5980448" | "5984857").PN.	USPAT	OR	ON	2004/06/10 14:44
S16	1	"6406422".URPN.	USPAT	OR	ON	2004/06/10 14:46
S17	6	("4104005" | "4508535" | "5511958" | "5755784" | "5810708" | "5964694").PN.	USPAT	OR	ON	2004/06/10 14:46
S18	15	("3842440" | "4046137" | "4091471" | "4204524" | "4468177" | "4512726" | "4547911" | "4968293" | "4969864" | "5006104" | "5011380" | "5133743" | "5211659" | "5282850" | "5810708").PN.	USPAT	OR	ON	2004/06/10 14:47

EAST Search History

S19	25	("4105016" | "4397049" | "4427470" | "4512726" | "4547911" | "4820300" | "4820301" | "4888011" | "4981484" | "4994078" | "5041131" | "5041132" | "5135539" | "5222980" | "5267940" | "5282849" | "5314469" | "5332403" | "5417663" | "5456715" | "5599173" | "5688245" | "5713954" | "6001056" | "6066085").PN.	USPAT	OR	ON	2004/06/10 14:47
S20	2989	((600/16,17,18) or (623/2.$,3.$, 900) or (606/194,195)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 14:51
S21	1502	(((600/16,17,18) or (623/2.$,3.$, 900) or (606/194,195)).CCLS.) and heart	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:51
S22	1403	((((600/16,17,18) or (623/2.$,3.$, 900) or (606/194,195)).CCLS.) and heart) and blood	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:51
S23	443	(((((600/16,17,18) or (623/2.$,3.$, 900) or (606/194,195)).CCLS.) and heart) and blood) and conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 14:54
S24	346	((((((600/16,17,18) or (623/2.$,3.$, 900) or (606/194,195)).CCLS.) and heart) and blood) and conduit) and (assist mechanical)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:07
S25	249	(((((((600/16,17,18) or (623/2.$,3.$,900) or (606/194,195)).CCLS.) and heart) and blood) and conduit) and (assist mechanical)) and (coupling couple connect attach)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:08
S26	178	((((((((600/16,17,18) or (623/2.$,3.$,900) or (606/194,195)).CCLS.) and heart) and blood) and conduit) and (assist mechanical)) and (coupling couple connect attach)) and (rotate rotatable turn twist)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:32

EAST Search History

S27	1477	((first near conduit) same (second near conduit)) same (connect couple join)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:34
S28	12	(((first near conduit) same (second near conduit)) same (connect couple join)) and ((curve curved bent) near conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:34
S29	3	("4104005" | "4508535" | "5810708").PN.	USPAT	OR	ON	2004/06/10 15:45
S30	0	"6290639".URPN.	USPAT	OR	ON	2004/06/10 15:46
S31	0	"6290639".URPN.	USPAT	OR	ON	2004/06/10 15:46
S32	18	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4759758" | "4759759" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	USPAT	OR	ON	2004/06/10 15:47
S33	6	"5810708".URPN.	USPAT	OR	ON	2004/06/10 15:48
S34	33	(curved near ((first second) near conduit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 15:50
S35	21	((curved near ((first second) near conduit))) and (rotate rotatable twist turn)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 16:00
S36	254	(128/202.27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/10 16:01
S37	19	((128/202.27).CCLS.) and (rotate rotatable) and lock	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 16:01
S38	127	hose same nut same lip	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 16:42

EAST Search History

S39	13	hose same nut same lip same (rotate rotatable)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/10 16:43
S40	3	("4104005" | "4508535" | "5810708").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:39
S41	0	("6290639").URPN.	USPAT	OR	OFF	2005/05/02 12:40
S42	19	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4759758" | "4759759" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:41
S43	19	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4759758" | "4759759" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:42
S44	7	("5810708").URPN.	USPAT	OR	OFF	2005/05/02 12:46
S45	1428	rigid same curved same tube	USPAT	OR	OFF	2005/05/02 12:46
S46	602	rigid same tube same curved same (connect$ coupl$)	USPAT	OR	ON	2005/05/02 12:57
S47	33	rigid same tube same curved same (blood)	USPAT	OR	ON	2005/05/02 14:36
S48	4003	((606/153,156) or (604/8,264,533, 534,538)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 14:36
S49	306	S48 and (curved same (tube conduit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 14:37
S50	247	S49 and (connection connector connecting connect)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 14:41
S51	130	S50 and rigid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 14:45

EAST Search History

S52	30	S51 and (rotate rotatable rotatably)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 14:58
S53	2296	rigid same (tube conduit) same curved	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:02
S54	2002	S53 and (couple coupling connect$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:00
S55	1176	S54 and (rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	·OFF	2005/05/02 15:02
S56	61	rigid same (tube conduit) same curved same (couple coupling connector connecting) same rotat$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
S57	746	(tube conduit) same curved same (couple coupling connector connecting) same rotat$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
S58	259	S57 and rigid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
S59	198	S58 not S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
S60	40	("2122051" | "2302617" | "2625955" | "2644543" | "2834615" | "3036601" | "3346887" | "3593732" | "3620241" | "3980324" | "4145768" | "4221406" | "4250920" | "4454891" | "4721331" | "4771485" | "4856121" | "4859320" | "4882061" | "4930816" | "4998754" | "5039134" | "5104150" | "5119860" | "5132017" | "5143601" | "5152321" | "5176165" | "5351996" | "5449456" | "5681459" | "5899234" | "5944985").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 15:14
S61	0	("6651272").URPN.	USPAT	OR	OFF	2005/05/02 15:21
S62	0	pumbing and (tube conduit) and (rotat$)	USPAT	OR	OFF	2005/05/02 15:22

EAST Search History

S63	4195	plumbing and (tube conduit) and (rotat$)	USPAT	OR	OFF	2005/05/02 15:22
S64	439	plumbing and (rigid same (tube conduit)) and (rotat$)	USPAT	OR	OFF	2005/05/02 15:22
S65	53	S64 and (threaded same lock)	USPAT	OR	OFF	2005/05/02 15:22
S66	95	plumbing and (slip near joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:29
S67	43	S66 and rotat$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:34
S68	494	tubing and (slip near joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:35
S69	3435040	S68 (rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:35
S70	343	S68 and (rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:35
S71	142	S70 and lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:37
S72	26	(slip adj joint) same rotat$ same lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:38
S73	1155	(conduit tube) same lock same nut same rotat$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:39
S74	223	S73 and joint	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:40
S75	7	(slip adj joint) same (connect) same conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:43

S76	16	(slip adj joint) same (connect) same pipe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:44
S77	3	(slip adj joint) same (connect) same hose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:45
S78	12	(slip adj joint) same (connect) same tubing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:45
S79	83	(slip adj joint) same rotatable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:46
S80	1150	((conduit pipe tube) same connect$) same (lock near nut)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:47
S81	720	S80 and (rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:48
S82	7077	(lock near washer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:51
S83	153	(lock near washer) same (conduit tube pipe) same rotat$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:52
S84	31	("0299661" | "0301900" | "0958752" | "0969358" | "0982836" | "1041260" | "1308853" | "2078192" | "2521127" | "2968440" | "3180659" | "3451483" | "3529671" | "3807503" | "4007877" | "4083410" | "4433725" | "4603887").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 15:54
S85	121	(slip adj joint) and plumbing	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 15:55
S86	56	(slip adj joint) near (pipe conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 10:58

EAST Search History

S87	7	(slip adj joint) near (plumbing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 10:59
S88	12	(slip adj joint) near (conduit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:00
S89	19	(slip adj joint) near (tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:00
S90	29	heart and (slip adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:01
S91	214	(slip adj joint) same (rotate rotatable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:02
S92	4006	((606/153,156) or (604/8,264,533, 534,538)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:28
S93	1090	S92 and heart	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:28
S94	412	S93 and conduit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:28
S95	138	S94 and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:36
S96	17	"606"/$.ccls. and (slip adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:37
S97	0	"128"/$.ccls. and (slip adj join)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:37
S98	16	"128"/$.ccls. and (slip adj joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:42

S99	0	impant same conduit same fixed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:42
S10 0	34	implant same conduit same (rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/03 11:42
S10 1	10025	plumbing and (swivel rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/20 13:39
S10 3	35	(curved near ((first second) near conduit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 12:07
S10 4	10030	plumbing and (swivel rotat$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 12:08
S10 5	46	S104 and (slip near joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 12:13
S10 6	915	pipe and (slip near joint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 12:13
S10 7	64	S106 and plumbing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 12:13
S10 8	2	("10262430").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 13:55
S10 9	2	("5775320").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/25 13:56
S11 0	21	("3409914" | "4086665" | "4195623" | "4222127" | "4247292" | "4581029" | "4629459" | "4650486" | "4759758" | "4759759" | "4781716" | "4838889" | "4902291" | "4925377" | "5123919" | "5129789" | "5133744" | "5139515" | "5147385" | "5609626").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 12:10

EAST Search History

S11 1	11	("3409914").URPN.	USPAT	OR	OFF	2006/03/16 12:16
S11 2	56	("4086665").URPN.	USPAT	OR	OFF	2006/03/16 12:44
S11 4	2423	((606/153) or (600/16) or (604/8, 534)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/16 12:48
S11 5	11	S114 and rigid and conduit and circulatory and coupling and rotatable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/16 12:51
S11 6	28	S114 and rigid and conduit and heart and coupling and rotatable	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/16 13:06
S11 7	0	(606/3.1,3.26,3.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/16 13:06
S11 8	152	(623/3.1,3.26,3.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/16 13:07